



Attorney's Docket No.: 12837-036001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Huang et al. Art Unit : 2872  
Serial No. : 09/900,092 Examiner : C. Curtis  
Filed : July 5, 2001  
Title : DUAL-STATE OPTICAL ISOLATOR MINIMIZED POLARIZATION MODE  
DISPERSION AND SIMPLIFIED FABRICATION PROCESS

Commissioner for Patents  
Washington, D.C. 20231

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AMENDMENT AND RESPONSE

In response to the action mailed September 11, 2002, please amend the application as follows:

In the claims:

Please amend claims 2, 4, 5, 9 and 11-14 as follows:

2. (Amended) The optical isolator of claim 1, wherein said first stage comprises:  
a first birefringent wedge having an optic axis and a first wedge angle;  
a second birefringent wedge having an optic axis 45° apart from said optic axis of said  
first birefringent wedge and a second wedge angle; and  
a first Faraday rotator disposed between said first and said second wedges.

4. (Amended) The optical isolator of claim 3, wherein said first Faraday rotator is configured to  
rotate the polarization of applied light by 45°.

5. (Amended) The optical isolator of claim 4, wherein said second stage comprises:  
a third birefringent wedge having an optic axis 90° apart from the second birefringent  
wedge and a third wedge angle;

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